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ABSTRACT

The results of a survey of commercially available tape services which can provide libraries and information centers with data bases of scientific and technical literature are reported. During the past few years there has been an increasing number of tape services entering the information resources market. Each of these services makes available to the information center, on a continuing basis, computer-readable data which can be utilized in as many diverse services as the programs and clientele of the center require. This preliminary survey provides a directory of current tape services, listing the general characteristics of the data base; the most frequently used access points, the frequency of the tape issues, and the number of items reported on an average tape issue for each service. The data presented were obtained from the generators of the tapes, unless otherwise noted. More complete information can be obtained from the source noted for any tape listed. An alphabetical index of the tape services is included. (Author/NH)

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SURVEY OF scientific-technical tape services

Compiled and Edited by
KENNETH D. CARROLL

LI 000 223

American Institute of Physics • American Society for Information Science

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BA Previews

CCM Information Corporation

AGRIDEX
Current Index to Conference Papers in Chemistry
Current Index to Conference Papers in Engineering
Current Index to Conference Papers in Life Sciences
PANDEX
Virology Index

Chemical Abstracts Service

Basic Journal Abstracts
CA-Condensates
Chemical-Biological Activities [CBAC]
Chemical Titles
Patent Concordance On Magnetic Tape, Whole Volume
Polymer Science & Technology-Journals [POST-J]
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Clearinghouse for Federal Scientific & Technical Information

U.S.Government Research & Development Reports [USGRDR]

Compendium Publishers International Corporation

SEARCH-DATA

D.A.T.A. Division of Computing Software, Inc.

D.A.T.A. Book Files

Derwent Publications, Ltd. -Sadtler Laboratories, Inc.

Educational Resources Information Center, USOE

ERICTAPES

Engineering Index, Inc.

CITE

COMPENDEX [Computerized Engineering Index]

Fortune (A division of Time, Inc)

Fortune Data Bank

IFI/Plenum Data Corporation

Uniterm Index to U.S. Chemical & Chemically-Related Patents

INSPEC

Inspec Tape Services

Institute for Scientific Information

Combined Source and Citation Data Tape
Index Chemicus Registry System [ICRS]
Source Data Tape

Institute of Electrical & Electronics Engineers

IEEE Annual Index Tapes [Projected]

IEEE REFLECS [Retrieval from the Literature on Electronics and Computer Sciences]

Institute of Paper Chemistry

Abstract Bulletin of The Institute of Paper Chemistry
Citation Tape for the Abstract Bulletin of the IPC
Keyword Supplement to the Abstract Bulletin of the IPC

International Atomic Energy Agency

INIS Output Tape

Library of Congress

MARC Distribution Service

Predicasts, Inc.

Expansion & Capacity Digest
F&S Index of Corporations and Industries
Growth & Acquisition Guide
PREDICASTS
WORLDCASTS

Shirley Institute

Specialized Textile Information Service Data Base

Standard Statistics Co., Inc.

COMPUSTAT

University of Tulsa, Information Services Department

Petroleum Abstracts Master Record Tape

This report presents the results of a survey of commercially available tape services which can provide libraries and information centers with data bases of scientific and technical literature. The primary scientific/technical journal is of paramount importance to the clientele of the specialized information center; however, the volume of this literature generally prohibits the scanning, evaluation, indexing and keyboarding of this material by individual libraries. The costs, manpower and equipment required for the review, evaluation and indexing of journal articles had lead libraries to try varied methods of alerting their clientele to current reports of research in primary journals, but seldom has the library been able to organize the contents of a large number of journals in various disciplines, and input these contents to a computer manipulatable data base on a continuing, timely basis. During the past few years there have been an increasing number of tape services entering the information resources market. Each of these services makes available to the information center, on a continuing basis, computer-readable data which can be utilized in as many diverse services as the center's programs and clientele require. As these tape services increased, it was sometimes a problem for the information center to be aware of the various data bases which it could acquire, the subject areas covered by the tapes, the type of indexing or retrieval points on the tape, and whether the organization offering the tape performed in-house services upon request, or if software was available to the subscriber.

In the preliminary survey reported here we have tried to compile a directory of current tape services, listing for each service the general characteristics of the data base; the most frequently used access points, the frequency of the tape issues, and the number of items reported on an average tape issue.

The majority of the tapes are generated as part of another activity of its generator. To make any such service viable the keyboarding of the data must serve more than one purpose. The majority of the tapes are a facet of the publication process. The organizations producing the tapes have tried to establish and maintain as much compatability with other tapes as possible. Each of the sources for these tapes is active on numerous committees and in various societies attempting to standardize the data elements and the representation of bibliographic data on the tapes. While the tapes have duplication in journal coverage, the treatment of the source articles by the input organization differ. The overlap in coverage is being studied by some of the societies involved, and on the other side of the spectrum, some of the information centers leasing a number of tapes are already investigating the problems encountered in the merging of different data bases.

For the information center using the data presented for the selection of tape services, it is suggested that they contact the person noted on the survey form. We could not in this general survey present the technical aspects of the tape, i.e., packing density, file organization, etc. Supplied with your hardware configuration, data regarding your present information services/programs, and expected use of the tape, the organization supplying the tape can furnish you with more complete details as to the suitability of the tape for your needs.

While some attempt was made to obtain data regarding the tapes available from the Federal agencies, the prerequisites which one must meet vary to such an extent that only two such tapes are reported here: ERICTAPES, and USGRDR (U.S. Government Research & Devleopment Reports). Some of the Federal agencies have tapes which are available to their major contractors; others are generating tapes for either internal use or for very limited availability.

Those interested in such tapes are referred to the particular agency; however, we would also suggest they refer to Legally Available U.S. Government Information [LAUSGI], a two-volume reference compiled and written by Matthew J. Kerbec of Output Systems Corporation. Volume I reports on NASA and the Department of Defense, Volume II covers all other agencies and contains an index to both volumes. The two volumes are available from Output Systems Corporation, P.O. Box 2407, Arlington, Va., 22202 and priced at $84.

Study of Scientific and Technical Data Activities in the U.S., a two-volume report by Science Communication, Inc. (December 1968) is available as AD 670 606, AD 670 607, from the Clearinghouse for Technical and Scientific Information. While this report is now somewhat dated, the documents contain extensive data and references of value to those reviewing the activities of organizations offering tape services.

A third survey of this area which was prepared by the Science and Technology Reference Services Committee of the American Library Association (1969) is A Guide to a Selection of Computer-Based Science and Technology Reference Services in the U.S.A.

It is again stressed that the data presented is that obtained from the generators of the tapes, unless otherwise noted. More complete information can be obtained from the source noted for any tape listed.

We wish to thank all those who have participated in this survey. We have tried to present as current a compilation as possible; however, available tape services , as well as the content and format of the tapes, is a fluid situation subject to change. In view of this, it is suggested that readers aware of additional tape services, especially those dealing with scientific-technical literature, contact the ASIS SIG/SDI group so that these additional tape services might be announced in the SIG/SDI newsletter.

TAPE: GEO·REF

Source: American Geological Institute
2201 M Street, NW
Washington, D.C., 20037

CONTACT: T. C. O'CALLAGHAN Phone: 202-296-7950

CHARACTERISTICS OF DATA BASE

Subject Matter: Earth sciences: areal, economic, engineering, extra-terrestrial, and marine geology; geochemistry, geochronology, geohydrology, goemorphology, etc.

Types of Source Items Input: 1,600 items are reviewed for input; of these 40% are English language publication and 60% are non-English publications. 300 of the journals have all articles entered; 1,300 journals are reviewed and selectively entered. 30% of the input is taken from monographs, published proceedings, theses, etc.

Subject Analysis/Indexing: An average of 7 index terms are assigned each entry. These terms are selected from a list of controlled descriptors. Source items are classified using the Universal Decimal Classification.

Searchable Data Elements: For serial search: Author(s); title (in whole or in part); journal title, content description, publication dates, annotation, UDC number. Form random access: any descriptor used in indexing.

Abstracts: An abstract per se is not entered. However, shorter phrases are included with the record and intended for use in lieu of abstract.

Time Span Available: The past 3.5 years.

FREQUENCY OF TAPE ISSUE: Monthly.

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 3-4,000.

SUBSCRIPTION SOCT OR LEASING DETAILS:
Purchase may be made for internal use only. Unit price to be announced in near future.

SOFTWARE AVAILABILITY: None. (Tapes are in ASCII format - Industry Standard Drive).

TYPE OF IN-HOUSE SERVICE OFFERED: Retrospective searches: $10 per query per 50 items retrieved. SDI (standard and personal) are projected for 1971.

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:
Bibliography and index of geology, monthly plus annual comulatives.
Bibliography of theses in geology, an annual publication.
Regional bibliographies, special subject bibliographies.
Annual and cumulative journal indexes.

Tape: SPIN [Searchable Physics Information Notices]

Source: The American Institute of Physics
335 East 45 Street, New York, N.Y., 10017

Contact: RITA G. LERNER Phone: 212-685-1940

CHARACTERISTICS OF DATA BASE

Subject Matter: All areas of physics and astronomy research.

Types of Source Items Input: Currently 65 journals are reviewed and all articles appearing in them are entered into the data base. The base is composed entirely of primary journal articles and the citations or references given in these articles. While foreign publications are input, currently all input is done in English. Journals for input are being expanded by 22 additional titles by 1971.

Subject Analysis/Indexing: Approximately 3 index terms are descriptors are assigned each article on an average. A thesaurus of controlled display headings or descriptors is used in assigning terms. Uncontrolled keywords from the abstract are selected these keywords may not duplicate words in the title. Source items are assigned a classification number, classification scheme used is that of the American Institute of Physics.

Searchable Data Elements: Article title, authors, authors' locations, classification numbers, keywords, words in the abstract, citations referring to other journal articles.

Abstracts: Full abstracts are provided in natural language.

Time Span Available: 1970-. Tape services began on pilot basis 1970, and will be offered on subscription 1971.

FREQUENCY OF TAPE ISSUE: Monthly

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 2,000-2,500

SUBSCRIPTION COST OR LEASING DETAILS:
The tapes are presently available on an experimental basis; lease terms will be announced later in 1970.

SOFTWARE AVAILABILITY: Inquire of originator.

TYPE OF IN-HOUSE SERVICE OFFERED: None

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:

Current Physics Titles [a current awareness journal], indexes to AIP-produced journals.

TAPE: MATHEMATICAL OFFPRINT SERVICE on Magnetic Tape (Projected)

Source: American Mathematical Society
P.O. Box 6248
Providence, Rhode Island 02904

CONTACT: GORDON L. WALKER Phone: 401-272-9500

CHARACTERISTICS OF DATA BASE

Subject Matter: Pure and Applied Mathematical Sciences.

Types of Source Items Input: Approximately 175 journals are reviewed for input. For 170 journals all articles are entered; 4 journals are entered selectively. 80% of the input items are English language publications; 20% are non-English language publications. Journals account for 96% of the input items and monographs, published proceedings, theses, etc. account for 4% of the input material.

Subject Analysis/Indexing: Each record has an average of 17 index terms assigned to it. Source items are classified using the AMS (MOS) Subject Classification Scheme.

Searchable Data Elements: Author, language, journal, primary subject, secondary subject, cited author, year, volume, issue number.

Abstracts: Abstracts are given on the tape when such were available with the original item.

FREQUENCY OF TAPE ISSUE: Semiannual. First tape should be ready by mid-1971.

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 6,500.

SUBSCRIPTION COST OR LEASING DETAILS:
Not yet determined - inquire of society.

SOFTWARE AVAILABILITY: None.

TYPE OF IN-HOUSE SERVICE OFFERED: SDI - offering title listings, abstracts, and offprints. Costs for this SDI are 5¢ per title selected, 25¢ per abstract selected, 45¢ to 85¢ per offprint depending on the length of the article.

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:
Index of Mathematical Papers (semiannual)

TAPE: MATHEMATICAL REVIEWS on Magnetic Tape [Projected]

Source: American Mathematical Society
P.O. Box 6248
Providence, Rhode Island 02904

CONTACT: GORDON L. WALKER Phone: 401-272-9500

CHARACTERISTICS OF DATA BASE

Subject Matter: Pure and Applied Mathematical Sciences.

Types of Source Items Input: Approximately 1,100 journals are reviewed for input. 920 journals are reviewed and selectively entered; 180 journals are entered cover to cover. 60% of the journal articles entered are in the English language; 40% of the journal articles are non-English language articles. Journals account for 75% of the data base. 25% of the input items are monographs, published proceedings, theses, etc.

Subject Analysis/Indexing: Approximately 7 terms or descriptors are assigned each item entered into the tape record. Some source items are classified by AMS (MOS) Subject Classification Scheme.

Searchable Data Elements: Author(s), journal, language, volume, issue, year, subject (for some entries), cited author (for some articles).

Abstracts: Abstracts are given for some items on the tape.

Time Span Available: The past 5 years.

FREQUENCY OF TAPE ISSUE: Since the service is projected, this entry is somewhat tentative; however, there are ten tapes (the past five years of Mathematical Reviews) expected to be ready for distribution mid 1971; additional data is to be prepared regularly on a semiannual basis.

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 8,000.

SUBSCRIPTION COST OR LEASING DETAILS:
Not yet determined - contact the society.

SOFTWARE AVAILABILITY: None.

TYPE OF IN-HOUSE SERVICE OFFERED: It is projected that retrospective search will be available; charges have not yet been determined.

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:
Mathematical Reviews, five-year author index.

TAPE: MATHEMATICS OF COMPUTATION MAGNETIC TAPE (Projected)

SOURCE: American Mathematical Society
P. O. Box 6284
Providence, Rhode Island 02904

CONTACT: GORDON L. WALKER Phone: (401) 272-9500

CHARACTERISTICS OF DATA BASE

Subject Matter: Computational Mathematics.

Types of Source Items Imput: Input is made entirely from one journal. 75% of the entries are English language: 25% are non-English language entries. Since the entry is from one journal we might note the following: 10% of the entries are articles; 7% unpublished mathematical tables; 35% reviews of recent mathematical tables; 48% reviews of books.

Subject Analysis/Indexing: Entries are assigned an average of 5.6 index terms or descriptors. Source items are classified using the classification for Mathematics of Computation - Midwest Research Institute.

Searchable Data Elements: Author, language, journal, volume, year, page, MC subject classification.

Abstract: No abstracts are provided.

Time Span Available: 27 years

FREQUENCY OF TAPE ISSUE: First tape is expected to be available in Feb. 1971.

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 6,000.

SUBSCRIPTION COST OR LEASING DETAILS:
Not yet determined - Inquire of society.

SOFTWARE AVAILABILITY: None.

TYPE OF IN-HOUSE SERVICE OFFERED: It is projected that retrospective searches will be available.

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR: 23-volume cumulative subject and author index for Mathematics of Computation (to be published Dec. 1970).

TAPE: INDEX TO API ABSTRACTS OF REFINING LITERATURE

Source: American Petroleum Institute
1271 Avenue of the Americas, New York, N.Y., 10020

CONTACT: E.H.BRENNER Phone: 212-586-4200

CHARACTERISTICS OF DATA BASE

Subject Matter: Chemistry, chemical engineering, and other science and technology pertinent to the petroleum refining and petrochemicals industry.

Type of Source Items Input: Over 93% of the input is from journals. 13 journals have all their articles added to the journal base. 160 journal titles are reviewed and selectively entered. 80% of the journals are English language publications; 20% are non-English language publications. 5% of the input items are preprints of papers presented at conference; 1% are from government documents are reports; the remainder are from monographs, published proceedings, or theses.

Subject Analysis/Indexing: An average of 35 index terms or descriptors are assigned each entry. A thesaurus of controlled keyword or descriptors is used.

Searchable Data Elements: Descriptors (optionally with roles and/or links) and author(s).

Abstracts: Abstracts are not included on tape but are on microfilm for use with the manual indexes produced from the base.

Time Span Available: 1964—.

FREQUENCY OF TAPE ISSUE: Annual (a 6 month interim tape is also issued).

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 15,000.

SUBSCRIPTION COST OR LEASING DETAILS:
The tapes are available only as part of a full scription to API Abstracts or Refining Literature and to the Indexes to API Abstracts of Refining Literature. The subscription rates are based on the gross assets of the subscribing organization. Note that a subscriber to the Index which provides the tape service, must also be a subscriber to the Abstracts. The tapes become the property of the subscriber except that the subscriber is not permitted to provide information to persons outside of his organization.

SOFTWARE AVAILABILITY: All programs necessary to create tapes from input on punched cards; programs to search the tapes; programs to create various printed indexes from the information on the tapes.

TYPE OF IN-HOUSE SERVICE OFFERED: Searches will be done for subscribers on an actual cost basis.

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:
Alphabetical Subject Index, Dual Dictionary, Author Index, Author Affiliations Index.

TAPE: INDEX TO API ABSTRACTS OF REFINING PATENTS

Source: American Petroleum Institute
1271 Avenue of the Americas, New York, N.Y. 10020

CONTACT: E. H. BRENNER Phone: 212-586-4200

CHARACTERISTICS OF DATA BASE

Subject Matter: Chemistry and technology pertinent to the petroleum refining and petrochemical industries.

Types of Source Items Input: Entire input is taken from patent literature, 45% being U.S. patents; 55% from other countries.

Subject Analysis/Indexing: Terms assigned to patents chosen from a thesaurus of controlled descriptors.

Searchable Data Elements: Descriptors (Optionally with roles and/or links.

Abstracts: Abstracts are not included on tape but are on microfilm for use with the manual indexes produced from the base.

Time Span Available: 1964 to present.

FREQUENCY OF TAPE ISSUE: Annual (a semiannual interim tape is also issued).

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 8,000

SUBSCRIPTION COST OR LEASING DETAILS:
The tapes are available only as a part of a full subscription to API Abstracts of Refining Patents and to the Indexes to API Abstracts of Refining Patents. The subscription rates are based on the gross assets of the subscribing organization. Note that a subscriber to the Index, which provides the tape service, must also be a subscriber to the Abstracts. The tapes become the property of the subscriber, except that the subscriber is not permitted to provide information to persons outside of his organization.

SOFTWARE AVAILABILITY: All programs necessary to create tapes from input on punched cards; programs to search the tapes; programs to create various printed indexes from the information on the tapes.

TYPE OF IN-HOUSE SERVICE OFFERED: Searches will be done for subscribers on an actual cost basis.

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:
Alphabetical Subject Index
Dual Dictionary
Inventor and Assignee Index
Corresponding Patents Index (a concordance of patents in different countries covering the same invention).

TAPE: METALS ABSTRACTS INDEX DATA BASE

Source: American Society for Metals
Metals Park, Ohio, 44073

CONTACT: H. DAVID CHAFE Phone: 216-338-5151

CHARACTERISTICS OF DATA BASE

Subject Matter: Metallurgy and related areas of physics and chemistry.

Types of Source Items Input: All articles in approximately 100 journals are input to the system and approximately 900 journals are reviewed and entered selectively. 90% of the input is taken from journals. Of these journals 52% are English Language publications and 48% are non-English language publications. The tapes include approximately 5% of the input from monographs, published proceedings or theses.

Subject Analysis/Indexing: Approximately 6 indexing terms are assigned per record on an average. Terms are selected from a thesaurus of controlled descriptors.

Searchable Data Elements: Title, Author(s), subject headings.

Abstracts: No abstracts are provided

Time Span Available: From 1966 to date.

FREQUENCY OF TAPE ISSUE: Monthly

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 2,100

SUBSCRIPTION COST OR LEASING DETAILS:
Tapes are available on lease at $1,250/year. Royalties may be negotiated with information centers following one year's use. For internal use, no royalty applied.

SOFTWARE AVAILABILITY: Search program available: $500

TYPE OF IN-HOUSE SERVICE OFFERED:

Retrospective search: $250 for complete file search
Current awareness: $250 per year

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:

Metals Abstracts Index

TAPE: BA PREVIEWS

Source: BioSciences Information Service of Biological Abstracts
2100 Arch Street, Philadelphia, Pennsylvania 19103

CONTACT: MRS. PHYLLIS V. PARKINS Phone: 215-569-1100

CHARACTERISTICS OF DATA BASE

Subject Matter: Research literature of the world dealing with life sciences in any of their manifestations.

Types of Source Items Input: Approximately 8000 journals are reviewed for input, and an average of 4500 of these are productive during a calendar year. Of these journals 69% of them are English language publications. Journals represent 84% of the total input. Monographs, published proceedings, theses and selected abstracts from the Referativnyi Zhurnal Biologia account for the remainder.

Subject Analysis/Indexing: Items are assigned an average of 19 index terms or descriptors. Words from the title and abstract are used as keywords or descriptors. In addition, the title is enriched by adding descriptors and uncontrolled descriptors are selected from the text. No thesaurus is used in indexing.

Searchable Data Elements: Keywords, CROSS index (subject headings), Biosystematic index, author, Journal source (CODEN).

Abstracts: None

Time Span Available: 2 years in BA Previews format. (11 years in machine readable form for inhouse searches).

FREQUENCY OF TAPE ISSUE: 3 tapes per month (BA semimonthly, BioI monthly)

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 6,400.

SUBSCRIPTION COST OR LEASING DETAILS:
Tapes are available on lease. $3,800 (includes 2 monthly tapes from BA of 5,800 citations each and 1 tape BioI of 7,500 citations) lease price on cite. Royalty for additional customer use is negotiable. Those interested should contact the source.

SOFTWARE AVAILABILITY: None

TYPE OF IN-HOUSE SERVICE OFFERED: CLASS (Current Literature Alerting Search Service), an SDI-type service based on each tape as it becomes available. The cost for this service is $100/year per search profile. Retrospective Searches are available. The cost for this service is $150 per search (with the right reserved to refuse a search at this price if

it presents extraordinary problems).

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:
B.A.S.I.C.; BioResearch Index; Annual Cumulative Indexes to Biological Abstracts, BioResearch Index, Abstracts of Mycology, Abstracts of Entomology.

TAPE: AGRIDEX

Source: CCM Information Corporation
909 Third Avenue, New York, N.Y., 10022

CONTACT: RICHARD P. KOLLIN Phone: 212-935-3087

CHARACTERISTICS OF DATA BASE

Subject Matter: 100,000 items from Bibliography of Agriculture. 3,000 U.S. Governemnt translations of Iron Curtain literature in agriculture. 8,000 agriculture meetings & papers.

Types of Source Items Input: 85% of the input items are selected from journals; 5% of the items are government reports, and 10% are monographs, public proceedings, theses, etc.

Subject Analysis/Indexing: Each item input to the record has approximately 6 index terms assigned to it. The indexing terms are descriptors are chosen from a controlled thesaurus. Source items are classified using the National Agriculture Library Classification.

Searchable Data Elements: Contact CCM for further information

Abstracts: None.

Time Span Available: January 1, 1970 to present.

FREQUENCY OF TAPE ISSUE: Monthly.

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 10,000.

SUBSCRIPTION COST OR LEASING DETAILS:
$2,500/year. Free hard copy supplied with tape subscription.

SOFTWARE AVAILABILITY: None at present.

TYPE OF IN-HOUSE SERVICE OFFERED: None.

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:
Bibliography of Agriculture, priced at $85/year.

TAPE: CURRENT INDEX TO CONFERENCE PAPERS IN CHEMISTRY

SOURCE: CCM Information Corporation
909 Third Avenue
New York, N. Y. 10022

CONTACT: RICHARD P. KOLLIN Phone: (212) 935-3087

CHARACTERISTICS OF DATA BASE

Subject Matter: 1,200 meetings; 7,500 papers.

Types of Source Items Input: Entire input consists of preprints and papers presented at conferences in the field of chemistry.

Subject Analysis/Indexing: Each item has an average of 5 descriptors per record. Descriptors are from a thesaurus of controlled keywords. Uncontrolled keywords/descriptors from text are assigned too.

Searchable Data Elements: Name of meeting, title of paper, each author, unique identification number assigned paper, indexing terms and terms used for enrichment of title, subject common to all papers given at meetings.

Abstracts: None

Time Span Available: September 1969 to present.

FREQUENCY OF TAPE ISSUE: Monthly.

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 600.

SUBSCRIPTION COST OR LEASING DETAILS:
Tapes are available on lease. Lease for educational, industrial, government, or quasi-government organizations using the tape for in-house services: $1,500. Non-profit regional information centers providing profile searches to customers at stated rates: $1,500. Multi-user groups providing SDI service from central computer to a group of companies in industry or a group of universities: contact CCM. Profit information centers providing profile searches to customers should also contact CCM for pricing details.

SOFTWARE AVAILABILITY: COBOL Programs for print-out and SDI. IBM 360/DOS, 32K core. 7 or 9 track 800 BPI. Coding is EBCDIC, BCDIC, or ASCII. Fixed field or MARC II format.

TYPE OF IN-HOUSE OFFERED: Contact CCM.

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:
CURRENT INDEX TO CONFERENCE PAPERS IN CHEMISTRY.

TAPE: CURRENT INDEX TO CONFERENCE PAPERS IN ENGINEERING

Source: CCM Information Corporation
909 Third Avenue, New York, N.Y., 10022

CONTACT: RICHARD P. KOLLIN Phone: 212-935-3087

CHARACTERISTICS OF DATA BASE

Subject Matter: 1,200 meetings; 32,000 papers.

Types of Source Items Input: The entire input consists of papers and preprints of papers presented at engineering conferences.

Subject Analysis/Indexing: Each paper has an average of 5 index terms assigned to it. Terms are chosen from a thesaurus of controlled descriptors. The title of the paper is enriched by adding descriptors.

Searchable Data Elements: Name of meeting, title of paper, each author, unique identification number assigned paper, indexing terms and terms used for enrichment of title, subject common to all papers given at meetings.

Abstracts: None.

Time Span Available: September 1969 to present.

FREQUENCY OF TAPE ISSUE: Monthly.

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 2,600.

SUBSCRIPTION COST OR LEASING DETAILS:
Available on lease. Educational, industrial, government, or quasi-government organizations using the tape in-house: $1,500. Non-profit regional information centers providing profile searches to customers at stated rates: $1,500. Multi-user groups providing SDI service from a central computer to a group of companies in industry or a group of universities or campuses should contact the source for lease details. Profit information centers providing profile searches to customers should also contact CCM for lease details.

SOFTWARE AVAILABILITY: COBOL programs for print-out and SDI. IBM 360/DOS; 32K core; 7 or 9 track; 800 BPI. Coding is EBCDIC, BCDIC, or ASCII. Fixed field or MARC II format.

TYPE OF IN-HOUSE SERVICE OFFERED: None.

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:
Current index to conference papers in engineering. A monthly publication at $130 a year, including annual cumulative index. Free hard copies on two tape subscribers.

TAPE: CURRENT INDEX TO CONFERENCE PAPERS IN LIFE SCIENCES

Source: CCM Information Corporation
909 Third Avenue, New York, N.Y., 10022

CONTACT: RICAHRD P. KOLLIN Phone: 212-935-3087

CHARACTERISTICS OF DATA BASE

Subject Matter: 1,200 meetings; 15,000 papers presented at meeting.

Types of Source Items Input: Papers presented on subject of life science.

Subject Analysis/Indexing: There are an average of 5 index terms per record. These terms are chosen from a thesaurus of controlled descriptors; however, uncontrolled keywords or descriptors from the text are also selected and added to the unit record about the paper.

Searchable Data Elements: The unique identification number of the paper, title of the paper, each author, primary and secondary index words.

Abstracts: None.

Time Span Available: From September 1969 to present.

FREQUENCY OF TAPE ISSUE: Monthly.

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 1,200.

SUBSCRIPTION COST OR LEASING DETAILS:
Tapes are available on lease. There are four classes of subscribers and pricing somewhat depends on the type of subscriber. For educational, industrial, government, quasi-government organizations for in-house use: $1,500. For non-profit regional information centers providing profile searches for customers at stated rates: $1,500. For multi-user group providing SDI service from central computer to a group of companies and industry are a group of universities are campuses: price depends on user population, please contact thesaurus. For profit information centers providing profile searches for customers, either speiclaized or SDI for fees, please contact thesaurus.

SOFTWARE AVAILABILITY: The following programs are available: Cobol programs for print out and SDI; IBM/360 DOS -- 32K core -- 7 or 9 track 800 BPI; coding is EBCDIC, BCDIC, or ASCII. Fixed field or MARC II format.

TYPE OF IN-HOUSE SERVICE OFFERED: None.

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:
Current index to conference papers in life sciences.

TAPE: PANDEX - Current Index to Scientific & Technical Literature

Source: CCM Information Corporation
909 Third Avenue, New York, N.Y. 10022

CONTACT: RICHARD P. KOLLIN Phone: 212-935-3087

CHARACTERISTICS OF DATA BASE

Subject Matter: 2,100 scientific - technical and medical journals. 6,000 scientific technical books. 50,000 U.S. Government technical reports.

Types of Source Items Input: 2,100 journals have all articles contained in them entered into the data base. Of these journals 70% are English language publications; 30% non-English. Journal articles account for 80% of the data base; 18% of the input taken from government reports; 2% are monographs.

Subject Analysis/Indexing: Each item has an average of 6 terms assigned to it. Terms are selected from a controlled thesaurus. In addition to the indexing, titles entered into the record are "enriched" by adding descriptive words to the published title.

Searchable Data Elements:

Abstracts: None.

Time Span Available: 1966-

FREQUENCY OF TAPE ISSUE: Weekly.

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 5,000.

SUBSCRIPTION COST OR LEASING DETAILS: Educational, industrial, government, or uasi-government organizations using the tape for in-house use: $6,500. The same price applies to non-profit regional information centers providing profile searches to customers at stated rates. Multi-user groups providing SDI service from central computer group to a group of companies in industry or a group of universities should contact CCM for price details. Profit information centers providing profile searches should also contact CCM.

SOFTWARE AVAILABILITY: COBOL programs print-out and SDI. IBM 360/DOS. 32K core. 7 or 9 track 800 BPI. Coding is EBCDIC, BCDIC, or ASCII. Fixed field or MARC II format.

TYPE OF IN-HOUSE SERVICE OFFERED: None.

PUBLICATIONS PROVIDED FROM BASE BY ORIGINATOR:
Pandex -- current index to scientific & technical literature. Bi-weekly publication. Free hard copy is supplied to tape subscribers.

TAPE: VIROLOGY INDEX

Source: CCM Information Corporation & Information Retrieval Limited
909 Third Avenue, New York , N.Y. 10022

CONTACT: RICHARD P. KOLLIN Phone: 212-935-3087

CHARACTERISTICS OF DATA BASE

Subject Matter: Index to the virology abstracts of Information Retrieval Limited.

Types of Source Items Input: 1,703 journals are reviewed and articles contained in them are entered selectively. The entire base is provided from these journals. 60% of the journals are English language publications; 40% are non-English.

Subject Analysis/Indexing: An average of 4 index terms are assigned each article.

Searchable Data Elements: Abstract code number, verbatim title, every author, address of first author, reference (source periodical) volume, pagination, year of publication, heirarchial codes, all viral names, whether review article or not.

Abstract: None. Note, however, that the unit record of the article does give an abstract number.

Time Span Available: July 1968 to present.

FREQUENCY OF TAPE ISSUE: Quarterly.

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 1,150.

SUBSCRIPTION COST OR LEASING DETAILS:
To be announced at a later date. It is expected to be $2,500 per year. Contact CCM for further details.

SOFTWARE AVAILABILITY: COBOL programs for print-out and SDI, 32K core is needed. Operating on DOS.

TYPE OF IN-HOUSE SERVICE OFFERED: None.

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:
Virology Abstracts, a monthly publication. Hard copy is available free of charge with tape service.

TAPE: BASIC JOURNAL ABSTRACTS

SOURCE: Chemical Abstracts Service
The Ohio State University
Columbus, Ohio 43210

CONTACT: Marketing Department Phone: 614-422-1929

CHARACTERISTICS OF DATA BASE

Subject Matter: Abstracts and bibliographic citations for papers from 35 specific chemical and chemical engineering journals.

Types of Source Items Input: Papers from 35 leading journals in chemical and chemical engineering. All articles in the journals are entered.

Subject Analysis/Indexing: Words from the title and abstract are used as keywords and descriptors.

Searchable Data Elements: Words in title, words in digest, author name(s), and journal CODEN. The base contains titles, names of authors, bibliographic citations, and complete abstracts of every article in the 35 journals.

Abstracts: Digests are provided.

Time Span Available: Available from July, 1968.

FREQUENCY OF TAPE ISSUE: Biweekly.

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 616.

SUBSCRIPTION COST OR LEASING DETAILS:
Tapes are available on a lease subscription at $4,100/year plus the cost of magnetic tape and mailing. Contact CAS as to type of lease/license suitable for your organization.

SOFTWARE AVAILABILITY: Contact the Marketing Department, Chemical Abstract Service for data.

TYPE OF IN-HOUSE SERVICE OFFERED: Search of file based on customer's search profile. Cost $4,200 plus charge for computer time used.

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:
Printed issue of Basic Journal Abstracts (available only to tape subscribers).

NOTE: Further details describing services are included in Information Services 1971 available upon request from Chemical Abstract Services.

TAPE: CA-CONDENSATES

Source: Chemical Abstracts Service
The Ohio State University
Columbus, Ohio 43210

CONTACT: Marketing Department Phone: 614-422-1929

CHARACTERISTICS OF DATA BASE

Subject Matter: Bibliographic citations plus Keyword Index phrases from Chemical Abstracts issues.

Types of Source Items Input: The tape is to provide searchable data items from the corresponding issue of Chemical Abstracts. There is an accompanying printed version of the corresponding Chemical Abstracts issue.

Subject Analysis/Indexing: Titles of articles and patents are enriched by adding descriptors. Words from the title and the abstracts are used as descriptors. Uncontrolled descriptors or keywords from text are selected and added to the record.

Searchable Data Elements: Words in title, keyword phrases, author name(s), and journal CODEN.

Abstracts: None. However, the record does include shorter phrases which may be used in lieu of abstracts.

Time Span Available: Available from July, 1968.

FREQUENCY OF TAPE ISSUE: Weekly.

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 5,000 (250,000 new articles and patents each year).

SUBSCRIPTION COST OR LEASING DETAILS:
Tapes are available on lease-subscription at $4,400/year plus costs of tapes and mailing. Interested subscribers should contact CAS as to type of lease/license for which they qualify.

SOFTWARE AVAILABILITY: Contact the source regarding this item.

TYPE OF IN-HOUSE SERVICE OFFERED: Search of file based on customers search profile. Cost: $4,400 plus charge for computer time used.

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR: None.

Note: Further details describing services are included in Information Services 1971. Available upon request from Chemical Abstract Services.

TAPE: CHEMICAL - BIOLOGICAL ACTIVITIES, (CBAC)

Source: Chemical Abstracts Service
The Ohio State University
Columbus, Ohio, 43210

CONTACT: MARKETING DEPARTMENT Phone: 614-422-1929

CHARACTERISTICS OF DATA BASE

Subject Matter: Current technical articles related to the field of biochemistry , the interactions of organic compounds with biological systems as well as related metabolism and in-citro chemical studies. Abstracts and bibliographic citations for articles on the bioligical activities with chemical compounds.

Types of Source Items Input: Journal articles in the above subject areas. During a year's time some 550-600 journals will be referenced.

Subject Analysis/Indexing: Words from the title and abstract are used as keywords/descriptors.

Searchable Data Elements: Words in title, words in digest, author names, Journal CODEN, Molecular formulas, Registry numbers.

Abstracts: Abstracts are provided.

Time Span Available: Available from January 1965

FREQUENCY OF TAPE ISSUE: Biweekly. 13 issues per volume; 2 volumes per year.

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 700

SUBSCRIPTION COST OR LEASING DETAILS:
Lease - subscription at $2,100/year plus cost of tape and mailing.

SOFTWARE AVAILABILITY: Contact Marketing Department CAS.

TYPE OF IN-HOUSE SERVICE OFFERED: Search of file based on customer's search profile at $2,100 plus charge for computer time used.

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:
Present issue of Chemical - Biological Activities.

NOTE: Further details describing services are included in Information Services 1971. Available upon request form Chemical Abstract Services.

TAPE: CHEMICAL TITLES

Source: Chemical Abstracts Service
The Ohio State University
Columbus, Ohio, 43210

CONTACT: MARKETING DEPARTMENT Phone: 614-422-1929

CHARACTERISTICS OF DATA BASE

Subject Matter: Index of titles of recently published articles from some 700 of the world's most active chemical and chemical engineering journals.

Types of Source Items Input: The entire source items are selected from the approximately 700 chemical and chemical engineering journals.

Subject Analysis/Indexing: Articles are input using only words in title, author(s) names and journal reference.

Searchable Data Elements: Words in title, author name(s), journal CODEN.

Abstracts: None.

Time Span Available: Available from January 1965.

FREQUENCY OF TAPE ISSUE: Biweekly.

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 5,000.

SUBSCRIPTION COST OR LEASING DETAILS:
Available on lease subscription at $1,700/year plus cost of magnetic tape and mailing. Contact CAS as to type of lease/license for which you qualify.

SOFTWARE AVAILABILITY: Contact source for further information.

TYPE OF IN-HOUSE SERVICE OFFERED: Search of file based on customer's search profile. Cost: $1,700 plus charge for computer time used.

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:
Printed issues of Chemical Titles.

NOTE: Further details describing services are included in Information Services 1971. Available upon request from Chemical Abstract services.

TAPE: PATENT CONCORDANCE ON MAGNETIC TAPE, WHOLE VOLUME

Source: Chemical Abstracts Service
The Ohio State University
Columbus, Ohio, 43210

CONTACT: MARKETING DEPARTMENT Phone: 614-422-1929

CHARACTERISTICS OF DATA BASE

Subject Matter: Index of duplicate patents that correspond to patents for which an abstract has been previously published in Chemical Abstracts.

Types of Source Items Input: Duplicate patents that correspond to patents for which an abstract has been previously published in Chemical Abstracts.

Subject Analysis/Indexing: Indexed using only patent numbers.

Searchable Data Elements: Patent numbers

Abstracts: None

Time Span Available: Available from January 1962.

FREQUENCY OF TAPE ISSUE: Issued every other week; 13 issues per volume; 2 volumes per year.

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE:

SUBSCRIPTION COST OR LEASING DETAILS:
Lease-subscription at $500/year plus cost of magnetic tape and mailing.

SOFTWARE AVAILABILITY: Contact Marketing Department CAS.

TYPE OF IN-HOUSE SERVICE OFFERED: None.

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:
None.

NOTE: Further details describing services are in INFORMATION SERVICES 1971 available upon request from C.A.S.

TAPE: POLYMER SCIENCE & TECHNOLOGY-JOURNALS [POST-J]

SOURCE: Chemical Abstracts Service
The Ohio State University
Columbus, Ohio 43210

CONTACT: MARKETING DEPARTMENT Phone: (614) 422-1929

CHARACTERISTICS OF DATA BASE

Subject Matter: Digests and full bibliographic data for journal articles on polymers, plastics and macromolecules.

Types of Source Items Input: Current polymer oriented papers, reports and patents. Subject area covers research, development, production, uses, equipment, and other aspects of polymer chemistry.

Subject Analysis/Indexing: Words from title and abstract are used as keywords/descriptors.

Searchable Data Elements: Words in title, words in digest, author name(s), journal CODEN, molecular formulas, registry number.

Abstracts: Yes

Time Span Available: AVAILABLE FROM NOVEMBER, 1967.

FREQUENCY OF TAPE ISSUE: Biweekly. 13 issues/volume; 2 volumes/year. POST-J and POST-P are published on alternate weeks.

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 500

SUBSCRIPTION COST OR LEASING DETAILS: Lease-subscription at $2,200/year plus the cost of magnetic tape and mailing. All subscriptions start at the beginning of a volume (November or May). Potential subscribers should contact CAS regarding the type of subscription-lease or license for which they qualify.

SOFTWARE AVAILABILITY: Contact CAS

TYPE OF IN-HOUSE SERVICE OFFERED: Search of file based on customer's search profile. Cost $2,200 plus charge for computer time used.

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:
Printed issues of Polymer Science & Technology-Journals.

NOTE: For further details describing services, request Information Services, 1971 from CAS.

TAPE: POLYMER SCIENCE & TECHNOLOGY-PATENTS [POST -P]

Source: Chemical Abstracts Serivce
The Ohio State University
Columbus, Ohio, 43210

CONTACT: MARKETING DEPARTMENT Phone: 614-422-1929

CHARACTERISTICE OF DATA BASE

Subject Matter: Digest and full bibliographic data for patent literature related to polymers, plastics and macromolecules.

Types of Source Items Input: Patent literature of 26 countries.

Subject Analysis/Indexing: Words of title and abstract are used as keywords or descriptors.

Searchable Data Elements: Words in title, words in digest, author name(s), journal CODEN, molecular formulas, registry numbers.

Abstracts: Yes

Time Span Available: Available from December 1967.

FREQUENCY OF TAPE ISSUE: Biweekly. POST-P and POST-J are published on alternate weeks. 26 tapes/year; 13 issues per volume; 2 vols. per year.

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 500

SUBSCRIPTION COST OR LEASING DETAILS: Lease-subscription at $2,000/year, plus cost of magnetic tape and mailing. All subscriptions must begin at the beginning of a volume. Interested parties should contact CAS regarding type of subscription lease or license for which they qualify.

TYPE OF IN-HOUSE SERVICE OFFERED: Search of file based on customer's search profile. Cost: $2,000 plus charge for computer time used.

SOFTWARE AVAILABILITY: Contact Marketing Department, CAS

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:
Printed issue of Polymer Science & Technology-Patents.

NOTE: Accompanying the digest in each issue of POST-P are: Keyword subject index, author index, molecular formula index, numerical patent index, and patent concordance.

FURTHER DETAILS may be had by requesting the catalog Information Serivces 1971 from CAS.

Tape: U. S. GOVERNMENT RESEARCH & DEVELOPMENT REPORTS

Source: CLEARINGHOUSE FOR FEDERAL SCIENTIFIC & TECHNICAL INFORMATION
5285 Port Royal Road, Springfield, Va., 22151

Contact: MARVIN E. WILSON Phone: 703-321-8525

CHARACTERISTICS OF DATA BASE

Subject Matter: Broad coverage of all sciences, technical subjects and social sciences.

Types of Source Items Input: Ma.., of the documents announced in USGRDR are received from the Department of Defense (DoD), the National Aeronautics and Space Administration (NASA) and the Atomic Energy Commission (AEC). Contributions from other Federal departments make up the balance of input.

Of the total input, approximately 16% is reprints resulting from Federally-sponsored research and published in professional journals; 10% is translations; and 5% is foreign language documents.

Subject Analysis/Indexing: An average of 10 index terms selected from a thesaurus of controlled keywords or descriptors are assigned to each document record. Uncontrolled keywords descriptors from the text are also part of the unit record.

Searchable Data Elements: See page of data elements which follows.

Abstracts: Abstracts provided for 73% of items.

Time Span Available: Tapes available beginning with Jan. 1970.

FREQUENCY OF TAPE ISSUE: Twice monthly.

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 1,800.

SUBSCRIPTION COST OR LEASING DETAILS:
$1,500 annual for domestic subscription.
$1,835 for foreign subscriptions, including air mail costs.
Tapes available only on subscription basis.
Test tape of USGRDR Vol. 69, No. 13, available at $25/tape.

SOFTWARE AVAILABILITY: No programs for using the data will be made available by the Clearinghouse.

TYPE OF IN-HOUSE SERVICE OFFERED: Limited search service now offered. Subject search done on only 20% of subject terms considered most central to document. Title listing and accession number provided.

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:
USGRDR, Clearinghouse Announcements in Science & Technology, U. S. Government Research & Development Reports Index (USGRDR-1).

Further data given in CFSTI brochure of 20 March 1970 which includes: Clearinghouse Announcement Journal Available on Magnetic Tape (Flyer); Subjects Covered; Data Elements; Description and Format for Clearinghouse USGRDR Magnetic Tape; Order Form for Sample Tape.

Tape: SEARCH-DATA

Source: Compendium Publishers International Corp.
2175 Lemoine Avenue, Fort Lee, New Jersey, 07024

Contact: A. C. SCHILL Phone: 201-947-4113

CHARACTERISTICS OF DATA BASE

Subject Matter: Definitive abstracts with citations of original sources of marketing information in chemical and allied fields, covering a total of 26 industries. The areas covered include: Broad Reviews, Corporate Data, Legislation, Production, Consumption, Capacity, Exports, Imports, Pricing, etc.

Types of Soruce Items Input: 75% of the items on the tape are taken from journal publications. 1,000 journals are reviewed and entered selectively, of these 80% are English-language publications and 20% are non-English publications. 10% of the items on the tape are taken from government reports, 5% from preprints and papers presented at conferences, and 10% are from news releases.

Subject Analysis/Indexing: Approximately 100 index terms are assigned each entry. A thesaurus of controlled descriptors is used. Uncontrolled descriptors of the text are also used as index points.

Searchable Data Elements: Each and every descriptive word and/ or group of words is retrievable alone or together with other descriptors. Knowledge of computer language is not necessary for user to frame search request. Boolean capabilities are included.

Abstracts: Abstracts are provided.

Time Span Available: From August 1968 to the present.

FREQUENCY OF TAPE ISSUE: Monthly.

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 1,000.

SUBSCRIPTION COST OR LEASING DETAILS:
Tapes are available at $5,000/year on a leasing arrangement.

SOFTWARE AVAILABILITY:

TYPE OF IN-HOUSE SERVICE OFFERED: 1. Standard profile or monthly report at $100/year.
2. QnA or Search-Data Surveys which range from $35 to $175 each.

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:
SEARCH Magazine.

TAPE: D.A.T.A. Book Files

Source: D.A.T.A. Division of Computing & Software, Inc.
32 Lincoln Avenue
Orange, New Jersey 07050

CONTACT: FRED LEPOW Phone: 201 673-8030

CHARACTERISTICS OF DATA BASE

Subject Matter: Technical description and manufacturer data for diodes, transistors, microwave tubes and integrated circuits.

Types of Source Items Input: All input is based on data and information supplied by manufacturers.

Subject Analysis/Indexing: Thesaurus of controlled descriptors is used.

Searchable Data Elements: Technical parameters and manufacturers names

Abstracts: Abstracts are provided

Time Span Available: 10 years

FREQUENCY OF TAPE ISSUE: Semi-annual, each 6 months.

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 10,000

SUBSCRIPTIONS COST OR LEASING DETAILS:
Subscription costs vary from $2,000 to $5,000/year (2 updates) for each service.

SOFTWARE AVAILABILITY: Program in IBM 360 Assembly Language, COBOL can be supplied upon request.

TYPE OF IN-HOUSE SERVICE OFFERED: In-house searching will be done upon request. Fee varies, depending on search parameters, and interested parties should contact source.

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:
Transistor D.A.T.A.Book, Diode D.A.T.A. Book. Microwave Tube D.A.T.A. Book, Linear IC D.A.T.A. Book, Digital IC D.A.T.A. Book.

TAPE:

Source: Derwent Publications, Ltd.
Rochdale House
128 Theobalds Road
London W.C. 1, England

CONTACT: MICHAEL DIXON

For U.S.A.: Sadtler Laboratories,
3316 Spring Garden Street
Philadelphia, Pa. 19104
Mr. James Hamilton

We were unable to secure data similar to that presented for other tapes reported; however, we would note that the following Derwent Publications are apparently available on magnetic tapes:

1. -CENTRAL PATENT INDEX, Sections A,B,C, and E, better known as PLASDOC, FARMDOC, AGDOC, AND CHEMDOC, respectively. Each reporting patents within the subject area designated.

2. -RINGDOC - reporting pharmaceutical literature. Source materials taken from over 300 scientific journals. 1970 volume estimated at 45,000 abstracts. Input items are assigned standardized descriptors, followed by the author(s) and title of the paper. Programs have been written for IBM 360 series computers and are available to subscribers at nominal cost. In addition to the key-word descriptors, input items are also assigned the Ring Code, for encoding chemical compounds.

3. -VETDOC - Veterinary Literature Documentation, is also now available on tape. Literature is taken from over 120 journals, and approximately 4,500 abstracts were issued during 1970. Indexing includes keyword/descriptors, thematic groups, and free terms. These as well as author(s) and title of the paper can be searched. Ring codes are assigned for retrieval of chemical compounds. Retrieval programs for IBM 360 series computers are available.

4. -PESTDOC - Pesticidal Literature Documentation, reports about 8,000 papers per year. Input articles are selected from over 170 journals. Indexing and retrieval points are similar to that noted for RINGDOC and VETDOC. For each of these tapes retrieval from the Ring Code alone provides the abstract numbers; in combination with "Codeless Scanning" (The Thematic Group terms, Index terms, and Free terms) the answers from a Ring Code search can include all or part of the Codeless Scanning Heading, i.e., descriptors, title, authors, and citation.

It is suggested that interested parties contact Mr. Dixon, or if in the U.S.A., Mr. Hamilton for more detailed information regarding the subject area pertinent to their work.

TAPE: ERICTAPES

Source: Educational Resources Information Center,
U.S. Office of Education
400 Maryland Avenue, S.W.
Washington, D.C. 20202

CONTACT: JAMES L. ELLER Phone: 202-962-4850

SOURCE: LEASCO SYSTEMS AND RESEARCH CORPORATION
Attn: ERICTAPES
4833 Rugby Avenue
Bethesda, Maryland 20014
Phone: 301-656-9723

(Note: While tapes are originated by ERIC and inquiries may be directed to that office regarding tape contents, formats, etc., the distribution and sale of the tapes is through Leasco Systems and Research Corporation. Inquiries regarding price, etc., should be directed to Leasco).

CHARACTERISTICS OF DATA BASE

Subject Matter: Varied aspects of education.

Types of Source Items Input: There are two major types of file: The Report Resume file and Journal Article Resume file. The Report Resume file consists principally of research reports filed by contractors and grantees on the results of funded educational research. As of the end of 1969 there were 31,623 report resumes on file and the number is expected to grow at a rate of approximately 900/month. The Journal Article Resume file consists of journal articles on educational research selected from over 500 largely English language education and education-related journals. As of the end of 1969 there were 11,702 journal article resumes on file and the growth rate is expected to be approximately 1,500/month.

Subject Analysis/Indexing: 3-10 index terms or descriptors are assigned per record. A thesaurus (also available on magnetic tape) of controlled descriptors is used. In addition, uncontrolled keywords from the text can be selected for use as "identifiers".

Searchable Data Elements: All data elements separately tagged and capable of retrieval depending on powers of retrieval program. All common descriptive cataloging and index elements provided: e.g., author, report number, contract number, subject index terms.

Abstracts: For the reports an abstract is made available. For the journal article resumes, a 30 to 50 word annotation is provided when the title of the journal article does not clearly indicate the subject matter of the paper.

Tape: ERICTAPES (continued)

Time Span Available: The report literature is covered from 1966, and the journal literature from January 1969.

FREQUENCY OF TAPE ISSUE: Update-only tapes are available on a quarterly basis for the Report Resume and Journal Article Resume files. The entire file through the latest quarter can be purchased at any time. A tape containing the ERIC Thesaurus is also available on a quarterly basis.

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: As of March 1970, the Report Resume file requires two tape reels at 1,600 BPI, 3 tape reels at 800 BPI (7-9-track) and 6 tape reels at 556 BPI. Through the same period the journal article resumes are on a single tape reel regardless of density.

SUBSCRIPTION COST OR LEASING DETAILS:
$80 per tape, if Leasco provides files on high quality unused tapes with reduplication guaranteed (Option 1). $50 per tape, if Leasco duplicates the files on tapes supplied by the customer, with limited reduplication guaranteed (Option 2). Standing orders are cancellable on 30-days notice.

SOFTWARE AVAILABILITY: No software is available with subscription. Several commercially available search systems have been applied to these tapes. A few of these systems are: Lockheed Missiles and Space Company's DIALOG; Computer Resources' QUERY; Data Corporation's DATA CENTRAL; INFODATA'S INQUIRE, etc.

TYPE OF IN-HOUSE SERVICE OFFERED: None.

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:
Research in Education

Current Index to Journals in Education

Thesaurus of ERIC Descriptors

Note: Brochure is available from USOE or Leasco describing ERICTAPES.

TAPE: CITE

Source: Engineering Index, Inc.
345 East 47th Street
New York, N. Y. 10017

CONTACT: JOHN E. CREPS, JR. Phone:212-752-6800

CHARACTERISTICS OF DATA BASE

Subject Matter: Applications technology in Plastics and Electrical/ Electronics Engineering.

Types of Source Item Input: Approximately 300 "core" journals for each area of interest were chose for CITE input.

Subject/Analysis/Indexing: Deep indexing with the aid of a Thesaurus which included role indicators and qualifiers (sub-descriptors) .

Searchable Data Elements: The tape records include a searchable segment and display segment (citation, title, author); only the index terms are searchable/

Abstracts: No part of the tape record, but available in hard copy and microfiche.

Time Span Available: 1965 through 1969 only.

Frequency of Tape: Master file updated monthly, thesaurus less frequently.

Average number of source items citer per tape: Plastics; 500 items per month; E/E 1,000 items per month.

Subscription cost or leasing details:

1965 - E/E - $ 400.00	P - $ 300.00
1966 - E/E - $ 800.00	P - $ 600.00
1967 - E/E - $1,600.00	P - $1,400.00
1968 - E/E - $2,000.00	P - $1,800.00
1969 - E/E - $2,800.00	P - $2,300.000

Software Available: Software written in Autocoder for an IBM 1401 (16 K) is a somewhat modified version of the CFS (Combined File Search) program from the IBM Program Library. The package also included programs for update and maintenance of the Thesaurus as well as print programs to produce a computer produced subject heading index.

Type of In-house Service offered: None

Publications Produced from Data Base: Monthly subject heading indexes (plus author index) with abstracts printed in section preceding index.

TAPE: COMPENDEX (Computerized Engineering Index)

Source: Engineering Index, Inc.
345 East 47th Street
New York, N. Y. 10017

CONTACT: JOHN W. CARRIGY Phone: 212-752-6800

CHARACTERISTICS OF DATA BASE

Subject Matter: All fields of engineering and certain fields of applied science and management, pertinent quality research applications literature; assembles the various engineering disciplines side by side with interconnecting cross references.

Types of Source Items Input: More than 3,500 sources of engineering literature -- professional and trade journals, publications of engineering organizations, papers from conferences and symposia, books and other documents.

Subject Analysis/Indexing: Items are assigned main headings and subheadings from Ei authority list "SHE" (Subject Headings for Engineers). A maximum of 5 free language terms are also input for the majority of references. An average of 6 terms or headings are assigned per item input.

Searchable Data Elements: Users have the option of searching the complete record (full text search) or searching selectively on chosen data elements: Subject heading and subheading, document ID number, author(s), Ei abstract number, codes assigned to the CARD-A-LERT service divisions, on most records the access words (which are cross references chosen for the printed version of Compendex), and on most records the free language terms.

Abstracts: Abstracts are included.

Time Span Available: 1969-1970 and subsequent years.

FREQUENCY OF TAPE ISSUE: Monthly

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 5,000

SUBSCRIPTION COST OR LEASING DETAILS:
Tapes are available on lease only with subscription to Engineering Index (monthly and annual issues). Cost for combined package $6,800 /year. Commercial (for profit) organization should contact Ei to determine Compendex availability and limitations on its use.

SOFTWARE AVAILABILITY: None. (Tape is in TEXT-PAC input format.)

TYPE OF IN-HOUSE SERVICE OFFERED: None

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR: None

(For more complete information on this service, request the Compendex brochure of Engineering Index, Incorporated. The brochure contains input format, data elements, information on TEXT-PAC and various details regarding this service.)

TAPE: THE FORTUNE DATA BANK

Source: FORTUNE - A Division of Time, Inc.
Time-Life Building, Rockefeller Center
New York, N.Y. 10020

CONTACT: JOSEPH KELLY Phone 212 556-7640

CHARACTERISTICS OF DATA BASE

Subject Matter: Statistics on the largest U.S. Industrial companies, from 1954 to present.

Type of Source Items Input: Raw data/information received directly from the companies included in the base.

Subject Analysis/Indexing: N/A

Searchable Data Elements: Contact Fortune

Abstracts: No

Time Span Available: 16 years.

FREQUENCY OF TAPE ISSUE: One per year

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE:

SUBSCRIPTION COST OR LEASING DETAILS:
A) Leased to commercial information vendors at $1,000/year.
B) Leased to educational institutions at reduced rate, but without permission to sell data.
Interested parties should contact Fortune for applicable lease details.

SOFTWARE AVAILABILITY: None

TYPE OF IN-HOUSE SERVICE OFFERED: Access is via commercial computer service organizations who market the data.

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:
Fortune 500 Directory - each new year's data printed in Fortune.
Series of reprints based on new year's data which also include data in addition to that in the above.

TAPE: Uniterm Index to US Chemical & Chemically-Related Patents

Source: IFI/Plenum Data Corporation
1000 Connecticut Avenue, NW. Washington, D. C., 20036

CONTACT: MR. HARRY ALLCOCK Phone: 202-296-4926

CHARACTERISTICS OF DATA BASE

Subject Matter: US chemical & chemically-related patents with foreign equivalents.

Types of Source Items Input: The source items in the tape are 100% patents, all from the U. S., with equivalents from other countries. All items are, of course, English language publications.

Subject Analysis/Indexing: An average of 35 index terms or descriptors are assigned each item. The terms are selected from a controlled thesaurus; words from the title or claims may be used as descriptors. Some uncontrolled keywords/descriptors from the text are selected.

Searchable Data Elements: Descriptors, assignees, patent number, & US Patent Office class codes.

Abstracts: The tape record does include patent title & chemical abstract reference.

Time Span Available: Past 20 years.

FREQUENCY OF TAPE ISSUE: Bimonthly and cumulative: Master files are updated annually.

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 70,000

SUBSCRIPTION COST OR LEASING DETAILS:
Purchase price: 1950-1969 -- $17,500 with program.
Lease arrangement: 1950-1969 -- $8,000 annually for five (5) years
Bimonthly Updates: $200 each
Annual Update: $5000 each

SOFTWARE AVAILABILITY: Search program using Boolean logic. Program written in Fortran or Fortran and ALC to read master tapes. Configuration required is IBM 360, OS, 256K core. Work is also completed for operation on DOS system.

TYPE OF IN-HOUSE SERVICE OFFERED: Custom Service Bureau -- $150 per search, or Contracts of 50 searches for $65 each.

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:
Chemical patent review books for specific subject. Chemical patent profiles. KWIC Thesaurus

TAPE: INSPEC TAPE SERVICES

Source: INSPEC
The Institution of Electrical Engineers
Savoy Place,
London, W.C.2, England

CONTACT: DAVID MARTIN Phone: 01-240-1871

CHARACTERISTICS OF DATA BASE

Subject Matter: Physics, electrical and electronics engineering, computers & control engineering

Types of Source Items Input: 1600 journals are reviewed for input. Of these journal titles, 192 are entered cover-to-cover. Journals comprise 80% of the data input; 10% is taken from monographs, published proceedings and conference papers, and 10% is made of reports, patents and theses. 72% of the items entered are in English; 28% of the items non-English language.

Subject Analysis/Indexing: Subject headings are assigned from a thesaurus/ subject heading list. Items are also assigned uncontrolled keywords or descriptors from the text. Classification is assigned source items as for the published journals (see Publications produced from Base at end of this sheet). An average of 2.6 terms or subject headings are assigned each entry.

Searchable Data Elements: Title, Controlled subject headings, Language, Author(s), Authors' affiliation(s), Additional free descriptors, Subject classification, CODEN, etc.

Abstracts: Abstracts are part of unit record for input item. Subscriber has option of subscribing to tape service with or without abstract.

Time Span Available: January 1969 to date-

FREQUENCY OF TAPE ISSUE: Fortnightly or monthly depending on coverage.

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 4,500 fortnightly

SUBSCRIPTION COSTS OR LEASING DETAILS: Approximately $2,400 to $6,000 per year, depending on coverage, content, etc. Complete details available upon application to INSPEC.

SOFTWARE AVAILABILITY:

TYPE OF IN-HOUSE SERVICE OFFERED: Service scheduled for early 1971

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR: Physics Abstracts; Electrical & Electronics Abstracts; Computer & Control Abstracts. Current Papers in Physics; Current Papers in Electrical & Electronics Engineering; Current Papers on Computers & Control.

INSPEC Tape Services (Cont'd)

For clarity we would add:

INSPEC 1 is a fortnightly or monthly service (according to the subset chosen) which includes the complete bibliographic record with abstract, and which is provided in subsets corresponding to the abstract journals [see Publications Produced].

INSPEC 2 is a fortnightly service, without abstracts, which is provided only for the complete data base.

The reader may obtain further information in the following, available from INSPEC:

International Information Services in Physics, Electrotechnology, Computers and Control (1970)

Tape: COMBINED SOURCE AND CITATION DATA TAPE

Source: Institute for Scientific Information
325 Chestnut Street, Philadelphia, Pa., 19106

Contact: MELVIN WEINSTOCK Phone: 215 - 923-3300

CHARACTERISTICS OF DATA BASE

Subject Matter: Broad interdisciplinary coverage of journal literature, including the primary journals of basic and applied science, engineering and technology, medicine, psychology and psychiatry, and the behavioral sciences. [Data appears on tape within 15 days after publication.]

Types of Source Items Input: 2,180 journals are input cover to cover and these articles comprise 98% of the data base. The remaining 2% of the tape is from monographs, published proceedings, theses, etc. Certain regularly appearing symposia reports of proceedings are routinely processed as they are published. 50% of the base is from English language publications and 50% from non-English language publications.

Subjects Analysis/Indexing: "Indexing" in the sense of assigning either keywords or descriptors is not done. It is suggested that in lieu of this field the reader consider searchable data elements.

Searchable Data Elements: It should be noted that this taping includes not only the title of the original paper but all references cited in that paper. Searchable elements therefore include 1) Citation line identifying any earlier published paper, book, patent, etc. 2) Words in a title including initial floating and terminal words stems or word phrases. 3) Author currently publishing (the source author). 4) Authors whose earlier works have been cited (all cited authors). 5) The current journal title, i.e. the journal in which the original article appeared. 6) Earlier issue(s) of any journal(s) which has been cited in the references of this particular paper (cited journal). 7) Address where the work was done, i.e., the addresses of all authors.

Abstracts: No abstract is on the tape.

Time Span Available: 1964 to date.

FREQUENCY OF TAPE ISSUE: Weekly

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 6,500

SUBSCRIPTION COST OR LEASING DETAILS:
Subscription is $20,000/year; the use is restricted under subscription contract.

SOFTWARE AVAILABILITY: Software packages are available from the source of the tapes and details will be supplied upon inquiry.

Tape: COMBINED SOURCE AND CITATION DATA TAPE (continued)

TYPE OF IN-HOUSE SERVICE OFFERED: The complete ISI data base is searched weekly under the ASCA IV and Group ASCA program against profiles provided by subscribers to these services. Search results are sent out weekly. For cost information of these services contact ISI.

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:

TAPE: ICRS [Index Chemicus Registry System]

Source: Institute for Scientific Information
325 Chestnut Street
Philadelphia, Pa., 19106

CONTACT: CHARLES E. GRANITO Phone: 215 923-3300

CHARACTERISTICS OF DATA BASE

Subject Matter: Chemical.

Types of Source Items Input: Approximately 2,500 journals are reviewed for input. For 208 journals all articles are manually reviewed by chemists for possible inclusion. 2,500 journals are reviewed from a weekly computer scanning of magnetic tapes prepared for ISI's multidisciplinary Science Citation Index, ICRS will publish articles reporting new compounds, new reactions, new methodologies as they appear in some 2,500 other journals in chemistry and related disciplines. The source articles are entirely from journals. 113 journals are entered cover to cover; 95 journals are entered selectively. 51% of the publications are in English; 49% are non-English publications.

Subject Analysis/Indexing: The title of the journal article is enriched by adding descriptors. There is no thesaurus used. The number of index terms assigned per article is open ended.

Searchable Data Elements: Analytical Data Codes. Compound-Use Profile. Author(s). Organization Affiliation. "Enriched" Title Descriptors. Journal Titles. Wiswesser Line Notation. Molecular Formulas.

Abstracts: No abstracts are provided. To some extent the shorter phrases added to the title as enrichment descriptors might serve this purpose.

Time Span Available: Bibliographic Data: 1960 to present. Wiswesser Line Notations: 1967 to present.

FREQUENCY OF TAPE ISSUE: Monthly.

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: Ca. 4000 "abstracts"/month, 17,000 Wiswesser Line Notations/month.

SUBSCRIPTION COST OR LEASING DETAILS: Tapes are available on lease at $9,500/year.

SOFTWARE AVAILABILITY: Assembly Language Programming (ALP)-DOS/TOS, OS versions. IBM 360/30 or larger. Minimum Core Size: 64K, 4 tape drives, 2 discs. Limitations: Part of the leasing arrangement.

TYPE OF IN-HOUSE SERVICE OFFERED: Automatic New Structure Alert (ANSA) and a Retrospective Search Service to be announced shortly.

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR: ICRS - Substructure Index. CAC & IC (in part). Note: Further brochures & data sheets describing the service are available upon request from the source.

Tape: SOURCE DATA TAPE

Source: Institute for Scientific Information
325 Chestnut Street, Philadelphia, Pa., 19106

Contact: MELVIN WEINSTOCK Phone: 215-923-3300

CHARACTERISTICS OF DATA BASE

Subject Matter: A broad interdisciplinary journal literature coverage, including the primary journals of basic applied science, engineering and technology, medicine, psychology and psychiatry, and the behavioral sciences.

Type of Source Items Input: Approximately 2,180 journals are reviewed and all articles published within the journals are entered into this data base. 98% of the material entered into the base are journal articles the remaining 2% are from monographs, published proceedings, theses, etc. 50% of the source items input are English language publications and about 50% are non-English language publications. With the present selections of journals ISI estimates that more than 90% of the significant literature of science, engineering and technology is covered in this data base. It should be noted that while preprints are not included in the data base, papers presented at conferences will be indexed if a report of the conference is included in a journal review it for the store. Reports of meetings are covered in the same manner. Certain regularly appearing symposia reports are proceedings (Federation proceedings) are routinely processed as they appear.

Subject Analysis/Indexing: The words of the title of the article or paper argues as indexing points. There is no thesaurus of controlled key-words or descriptors used. The number of searchable terms varies with each record according to the number of significant words in the title, the number of authors, and the number of author addresses given.

Searchable Data Elements: Words and combination of words appearing in the title of the paper, initial, floating or terminal word stems and word phrases. Authors names, journal title, author's addresses, also sometimes known as organization addresses, or any logical combination of the above.

Abstracts: No abstracts are included on the tape.

Time Span Available: 1964 to date.

FREQUENCY OF TAPE ISSUE: Weekly

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 6,500

SUBSCRIPTION COST OR LEASING DETAILS:
Subscription is $8,000/year; the use is restricted under subscription contract.

SOFTWARE AVAILABILITY: Complete software packages are available; details will be furnished upon inquiry.

Tape: SOURCE DATA TAPE (continued)

TYPE OF IN-HOUSE SERVICE OFFERED: The complete ISI data base (Combined Citations and Source Data tapes) is searched weekly under the ASCA IV and Group ASCA programs against profiles provided by subscribers to these services. For information on the cost of ASCA IV and Group ASCA contact Mr. Weinstock.

Tape: IEEE Annual Index Tapes

Source: The Institute of Electrical & Electronics Engineers
345 East 47 Street, New York, N.Y., 10017

Contact: THOMAS H. HOGAN Phone: 212-752-6800

No information is yet available on this tape service; however, since it is due to be released before long, we have inlcuded it here for your information. For further data, contact IEEE.

TAPE: IEEE REFLECS (Retrieval from the Literature on Electronics and Computer Sciences)

Source: The Institute of Electrical & Electronics Engineers
345 East 47th Street
New York, N. Y. 10017

CONTACT: THOMAS H. HOGAN Phone: 212-752-6800

CHARACTERISTICS OF DATA BASE

Subject Matter: Electrical & Electronics Engineering, Computer Science, and Applied Physics.

Types of Source Items Input: Total of 1,300 journals are reviewed for input. 1,200 journals are entered selectively, i.e. articles are selected for input. 100 Journals have all articles entered. Government reports account for 3% of input. 5% of input items are patents; of these the U.S. patents account for 80% and 20% are foreign patents. 3% of input items are monographs, published proceedings, theses etc. 4% of input items are pre-prints or papers given at conferences.

Subject Analysis/Indexing: Input items are assigned an average number of 5-10 terms. An authority list of subject headings is used. Uncontrolled additional phrases ("modifier lines") are associated with each subject heading. In addition, source items are classified using the IEE/IEEE Classification system of INSPEC.

Searchable Data Elements: Author(s) or Editor(s) Title, Date, Volume and issue of publication, Inclusive page numbers, Journal title, Publisher's name, Sponsor data, Subject headings, Modifier lines, Classification numbers, Abstract, Abstract number, Conference data, CFSTI document number, Patent numbers and dates (including priority date), CODEN (1971)

Abstracts: Abstracts are provided.

Time Span Available: 1970-.

FREQUENCY OF TAPE ISSUE: Monthly

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 5,500.

SUBSCRIPTION COST OR LEASING DETAILS:

$4,900/1970, purchase under agreement for use within purchasing organization only (tape reels included). Subsets of base available at $2,000 and up depending on subset (Contact IEEE). Royalty Arrangement for public information centers are negotiable; price for future years depends on number of items to be made available.

SOFTWARE AVAILABILITY: None at present.

TYPE OF IN-HOUSE SERVICE OFFERED: None.

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:

Electrical & Electronics Abstracts, Current Papers in Electrical & Electronics Engineering, Current Papers on Computers & Control, and Computer & Control Abstracts.

All published by IEEE AND IEE (London).

TAPE: ABSTRACT BULLETIN OF THE INSTITUTE OF PAPER CHEMISTRY

Source: The Institute of Paper Chemistry
1043 East South River
Appleton, Wisconsin, 54911

CONTACT: W. S. McCLENAHAN Phone 414 734-9251

CHATACTERISTICS OF DATA BASE

Subject Matter: Pulp and paper science and technology and allied fields.

Types of Source Items Input: Half of the entries on the tape are taken from journals. Approximately 100 journals have all articles entered into the data base and 700 journals are reviewed selectively. Of these journals 50% are English language publications and 50% are non-English language publications. About 1% of the entries on the tape are from government reports and documents; 3% monographs, and proceedings; 1% are from preprints and papers presented at conferences. 45% of the tape entries are from patents; of these patents 40% are U.S. and 60% are from other countries.

Subject Analysis/Indexing:

Searchable Data Elements: Complete text of the Abstract Bulletin, omitting indexes.

Abstracts: Abstracts are provided.

Time Span Available: 1 year.

FREQUENCY OF TAPE ISSUE: 11 issues per year--monthly tape release.

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 1,000.

SUBSCRIPTION COST OR LEASING DETAILS:

The annual leasing rate is $1,000 for Institute member companies and for academic institutions, $1,500 for all others; each of these rates will be lowered by $500 if a subscription is also entered for the tape of the Keyword Supplement to the Abstract Bulletin of The Institute of Paper Chemistry.

SOFTWARE AVAILABILITY: None available.

TYPE OF IN-HOUSE SERVICE OFFERED: Printout of complete citations and abstracts corresponding to lists of abstract numbers, e.g., as obtained from manual or LIRES search of Keyword Supplement to the ABIC. Charge for single search printouts is $0.25 per abstract printed in upper case characters or $0.75 for both upper and lower case, plus a service charge dependent upon the number of issues or volumes to be searched; estimates provided upon request.

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:

Abstract Bulletin of the Institute of Paper Chemistry.

TAPE: CITATION TAPE FOR THE ABSTRACT BULLETIN OF THE INSTITUTE OF PAPER CHEMISTRY

Source: The Institute of Paper Chemistry
1043 East South River
Appleton, Wisconsin 54911

CONTACT: W. S. McCLENAHAN Phone 414 734-9251

CHARACTERISTICS OF DATA BASE

Subject Matter: Pulp and paper science and technology and allied fields.

Types of Source Items Input: 50% of the items are from journals; 45% from patents; 3% from monographs, published proceedings, theses; approximately 1% each from government reports and from preprints or papers presented at conferences. Approximately 100 journals are entered cover to cover, and 700 journals are reviewed and selectively added to the base. The journals are 50% English language publications and 50% non-English language publications. Of the patents 40% are from the U.S. and 60% are from other countries.

Subject Analysis/Indexing:

Searchable Data Elements: Abstract numbers, authors, journals, dates, and patent numbers.

Abstracts: None

Time Span Available: 1 year.

FREQUENCY OF TAPE ISSUE: Monthly, with 11 tapes per year.

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 1,000/month.

SUBSCRIPTION COST OR LEASING DETAILS:

The annual leasing rate is $700 for Institute member companies and for academic institutions, $1,000 for all others. These rates will be reduced by 50% if a subscription is also entered for the Keyword Supplement to the Abstract Bulletin of the Institute of Paper Chemistry.

SOFTWARE AVAILABILITY: None Available.

TYPE OF IN-HOUSE SERVICE OFFERED: Printout of citations corresponding to lists of abstract numbers, e.g., as obtained from manual or LIRES search of Keyword Supplement to the Abstract Bulletin of the Institute of Paper Chemistry. The charge for single search ptintouts is $0.15 per citation printed in upper case characters or $0.45 for both upper and lower case, plus a service charge dependent upon the number of issues or volumes to be searched; estimates provided upon request.

PUBLICATIONS PRODUCED FORM BASE BY ORIGINATOR: Author and patent indexes for the Abstract Bulletin of The Institute of Paper Chemistry.

TAPE: KEYWORD SUPPLEMENT TO THE ABSTRACT BULLETIN OF THE INSTITUTE OF PAPER CHEMISTRY.

Source: The Institute of Paper Chemistry
1043 East South River
Appleton, Wisconsin 54911

CONTACT: W. S. McCLENAHAN Phone 414 734-9251

CHARACTERISTICS OF DATA BASE

Subject Matter: Pulp and paper science and technology and allied fields.

Types of Source Items Input: 50% of the items are from journals: 45% from patents; 3% from monographs; 1% each from government reports and from reprints. Of the journals 700 titles are entered selectively and 100 journals have all articles entered. The journals are approximately 50% English language publications and 50% non-English. Out of the patents 40% are from the U.S. and 60% from other countries.

Subject Analysis/Indexing: An average of 9 index terms are assigned each entry. These terms are selected from a thesaurus of controlled descriptors.

Searchable Data Elements: Keywords (coordinated by all symbolic logic operations; i.e., and, or, not).

Abstracts: None.

Time Span Available: Past 4 years.

FREQUENCY OF TAPE ISSUE: Monthly, cumulative if desired; annual.

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 1,000.

SUBSCRIPTION COST OR LEASING DETAILS:

The annual leasing rate is $750 for academic institutions, $1,000 for all others.

SOFTWARE AVAILABILITY:

FORTRAN IV search program called LIRES. Program requires IBM system 360 with one tape drive for 9-channel, 800 BPI tape, 64K core storage. Available without charge to tape subscribers.

TYPE OF IN-HOUSE SERVICE OFFERED:

SDI at $100/year per profile; keyword searches at $30 for the first volume plus $15 for each subsequent annual volume; bibliographies--the cost depends on the time and manpower estimate for the particular subject. [A listing of bibliographies previously published by the Institute is available upon request.]

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:

Keyword Supplement to Abstract Bulletin of the Institute of Paper Chemistry.

TAPE: INIS Output Tape

Source: International Atomic Energy Agency
P. O. Box 590, A-1011 Vienna, Austria

CONTACT: DIRECTOR, DIVISION OF SCIENTIFIC AND TECHNOLOGY INFORMATION
Phone: 524511

CHARACTERISTICS OF DATA BASE

Subject Matter: Nuclear Science and Technology as defined in the publication IAEA-INIS-3 (Revision 1).

Types of Source Items Input: A total of 3,000 journals are reviewed for input, some titles have all articles entered and some journals are reviewed and entered selectively. The journals comprise approximately 60% of the data base. 65% of the journals are English language publications. 25% of the input is taken from government reports and documents; 10% from monographs, published proceedings, etc.; 3% from patents and 2% is from preprints and papers presented at conferences.

Subject Analysis/Indexing: An average of 28-30 index terms are assigned to each record. The terms are selected from a thesaurus of controlled keywords or descriptors. The input items are classified using the IAEA-INIS classification schedule.

Searchable Data Elements: Personal author(s), corporate entries, primary title, primary subtitle, confernece title, conference place, confernece date, original title (transliterated), original subtitles (transliterated), report/ patents, SEC. no.(s), ISDN, language, series/journals titles, series/journals subtitles, sec. no.(s), date publication, and index terms.

Abstracts: Abstracts are not provided on the magnetic tape; however, abstracts of the items are available separately on microfiche. The record does include keywords which may be used in lieu of abstracts.

Time Span Available: 1970-.

FREQUENCY OF TAPE ISSUE: Monthly (until 1972, then semimonthly).

AVERAGE NUMBER OF ITEMS CITED PER TAPE: 2,500 (until 1972; then estimated 3,500)

SUBSCRIPTION COST OR LEASING DETAILS:
Tapes are free to member states supplying blank tape.

SOFTWARE AVAILABILITY: None.

TYPE OF IN-HOUSE SERVICE OFFERED: None.

PUBLICATION PRODUCED FROM BASE BY ORIGINATOR:
INIS ATOMINDEX (monthly for 2 years, then semimonthly) authority lists for corporate entries, journals and report number prefixes, thesuarus of indexing terms, cumulative author and report code index.

TAPE: MARC (Machine-readable cataloging) Distribution Service

Source: Library of Congress
Washington, D. C. 20540

CONTACT: HENRIETTE D. AVRAM Phone: 202-426-6068

CHARACTERISTICS OF DATA BASE

Subject Matter: Current English language monographic cataloging data.

Types of Source Items Input: The entire input is taken from monographs which also includes government reports/documents and conference proceedings.

Subject Analysis/Indexing: An average of 1.5 subject headings are assigned each item. The items are classified using The Library of Congress classification schedules.

Searchable Data Elements: Each data element is searchable. Fixed and variable fields are included in the record.

Abstracts: None.

Time Span Available: The past 2 years. 1969-1970.

FREQUENCY OF TAPE ISSUE: Weekly.

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 1,200.

SUBSCRIPTION COST OR LEASING DETAILS:
Tapes are available on subscription for $800/year.

SOFTWARE AVAILABILITY: None.

TYPE OF IN-HOUSE SERVICE OFFERED: MARC tape searches are performed in-house on time available and cost recovery basis.

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:
None on a continuing basis.

Note: The attached sheet gives the reader additional source materials on the MARC project. Since a great deal has been written on this particular tape, we include this for your convenience.

INFORMATION on MARC may be found in the following publications:

The MARC Pilot Project: Final Report on a Project Sponsored by the Council on Library Resources, Inc. 1968. (183 p.)
For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D. C. 20420, at $3.50 a copy. SC1.2:M18/2.

A detailed description of the format, character sets, bibliographic codes, input procedures, and cost of production of MARC records during the experimental MARC Pilot Project. Also includes summary descriptions of computer programs used and, in an appendix, reports written by each of the participating libraries that received and used the weekly magnetic tapes.

MARC Manuals Used by the Library of Congress; prepared by Information Systems Office, Library of Congress. 2d ed. Chicago, ALA, ISAD, 1970.
For sale by the American Library Association, 50 East Huron Street, Chicago, Illinois 60611, at $12.50 a copy.

This 4-part volume of more than 300 pages contains three handbooks and one special study. The first handbook "Books: A MARC Format," provides specifications for magnetic tapes in the MARC II format. It is designed for programmers who will be implementing systems using MARC records. The "Data Preparation Manual: MARC Editors: is a detailed guide to procedures followed by the MARC editors at the Library of Congress in preparing bibliographic records for conversion to machine-readable form. The "Transcription Manual" provides similar information for the operators of the magnetic tape typewriters used in the MARC system. The special study, "Computer Magnetic Tape Usability Study," provides a list of data processing equipment which can handle MARC tapes.

Books: A MARC Format. Specifications for Magnetic Tapes Containing Monographic Catalog Records in the MARC II Format. 4th ed. April 1970. (70 p.)
Distributed free upon request to LC Card Division subscribers.

This volume is a revision of the document formerly published under the title: Subscriber's Guide to the MARC Distribution Service. It describes the tape and record formats, the character set, and the data fields in the MARC records.

Serials: A MARC Format. Washington, Library of Congress, 1970. (72p.)
For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402, at $.70 a copy. LC1.2:M18/7.

Maps: A MARC Format. Washington, Library of Congress, 1970 (45 p.)
For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402, at $.05 a copy. LC1.2:M18/6.

1970 Motion Pictures, Filmstrips, and Projected Media Intended for Projection: A MARC Format. Washington, Library of Congress, [in preparation]

TAPE: EXPANSION & CAPACITY DIGEST

Source: Predicasts, Inc.
200 University Circle Research Center
Cleveland, Ohio 44106

CONTACT: GARY BOHN Phone: 216 795-3000

CHARACTERISTICS OF DATA BASE

Subject Matter: 1 line (256 character) statistical abstracts of market related data from 500 sources.

Types of Source Items Input: 200 journals are reviewed and articles are selectively entered to the base from these. The journals are entirely English language publications and the tape base is entirely from these 200 journals. A maximum of nine index terms may be assigned to any item including the following classifications: (1) industry - product SIC, (2) country, (3) event code, (4) years (3) - earliest year first, (5) quantities (3) - smallest quantity is given year first, (6) unit of measure by type of unit, (7) company - alpha. (8) cost of project (9) source.

Searachable Data Elements: All of the above.

Abstracts: The entry is an abstract

Time Span Available: Tapes begin with the end of fiscal year June 30, 1969.

FREQUENCY OF TAPE ISSUE: Annual.

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 15,000/year.

SUBSCRIPTION COST OR LEASING DETAILS:
Annual price $1,250 (reference tape required for use along with this costs $2,000 but is used for all other Predicasts, Inc. services)

SOFTWARE AVAILABILITY: will develop if required by customer. In-house programs designed for Univac 1108. Tape also available in 350 configuration. Programs are designed for publication production. The tape source assumes that the user will use tapes as input to his own system, use own software and search strategy.

TYPE OF IN-HOUSE SERVICE OFFERED: In development.

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:
Expansion & Capacity Digest.

TAPE: F & S INDEX OF CORPORATIONS & INDUSTRIES

Source Predicasts, Inc.
200 University Circle Research Center
Cleveland, Ohio, 44106

CONTACT: GARY BOHN Phone: 216-795-3000

CHARACTERISTICS OF DATA BASE

Subject Matter: Short 1 & 2 line(126 character) abstracts of financial, market-related information from over 500 trade publications, newspapers, government reports, etc.

Types of Source Items Input: 300 journals have all articles contained in them entered into the base. 200 journals are reviewed and articles are selectively introduced in the base. 90% of these journals are English language publications. Journals account for approximately 85% of the input media; 10% is taken from government reports; 5% from monographs, published proceedings, etc.

Subject Analysis/Indexing: An average of 4 coded terms are assigned per record. Records are cross classified and re-entered as needed. Classification: (1) industry - product SIC, (2) Company - alpha, (3) country-hierarchical system, (4) event (mergers, production, etc.) used for sequencing and header generation in hierarchical systems. Record includes publication source, date and page to which the item refers.

Searchable Data Elements: Index terms, classification, and items noted in proceeding.

Abstracts: The entry is an index.

Time Span Available: From beginning of calendar year 1969 to present.

FREQUENCY OF TAPE ISSUE: Quarterly

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 100,000/year.

SUBSCRIPTION COST OR LEASING DETAILS:
Annual price $4,500(reference tape which is required to be used with this costs $2,000 but is used for all other Predicasts, Inc. services)

SOFTWARE AVAILABILITY: Will develop if required by customer. In-house programs designed for Univac 1108. Tape also available in 360 configuration. Programs are designed for publication production. The tape source assumes that the user will use tapes as input to his own system, use own software and search strategy.

TYPE OF IN-HOUSE SERVICE OFFERED: In development.

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:
F & S Index of Corporations & Industries.

TAPE: GROWTH & ACQUISITION GUIDE

Source: Predicasts, Inc.
200 University Circle Research Center
Cleveland, Ohio 44106

CONTACT: GARY BOHN Phone: 216 795-3000

CHARACTERISTICS OF DATA BASE

Subject Matter: Tabulation of acquiring & acquired companies coded by 4 digit SIC, line of business, and latest annual sales given for both (when available).

Types of Source Items Input: About 20 major sources supplemented by partial information from a base of 500 sources abstracted for Predicasts, Inc. publications. The base covers only USA and only English language publications.

Subject Analysis/Indexing: An average of 10 index terms are assigned to each record including company name, line of business, SIC, location, sales, sales year end. Classification: line of business (SIC,) status of acquisition (numeric), company (alpha characters).

Searchable Data Elements: Tapes may be searched on any of the elements noted in the proceeding paragraph.

Abstracts: The entry is an abstract

Time Span Available: Tapes begin with the calendar year 1969.

FREQUENCY OF TAPE ISSUE: Annual.

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 6,500 (1969)

SUBSCRIPTION COST OR LEASING DETAILS:
Annual price $1,100 (reference tape which is needed along with this costs $2,000 but is used for all other Predicasts Inc. services)

SOFTWARE AVAILABILITY: Will develop if required by customer. In-house programs designed for Univac 1108. Tape also available in 360 configuration. Programs are designed for publication production. The tape source assumes that the user will use tapes as input to his own system,use own software and search strategy.

TYPE OF IN-HOUSE OFFERED: In development.

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:
Growth & Acquisition Guide.

TAPE: PREDICASTS

Source: Predicasts, Inc.
200 University Circle
Research Center
Cleveland, Ohio 44106

CONTACT: GARY BOHN Phone: 216-795-3000

CHARACTERISTICS OF DATA BASE

Subject Matter: 1 (256 character) line statistical abstracts of market related data from 500 sources.

Types of Source Items Input: 200 journals are reviewed and entered selectively; 300 journals have all articles contained in them entered into the base. 90% of these journals are English language publications. Journals account for 85% of the data base; 10% is government reports, and 5% is taken from monographs.

Subject Analysis/Indexing: An average of 14 terms assigned per item including the following coded classifications: (1) industry - products SIC, (2) country, (3) event code, (4) years (3) - earliest year first, (5) quantities (3) - smallest quantity in given year first, (6) unit of measure by type of unit.

Searchable Data Elements: In addition to the coded terms, the natural language fields are: industry - product (1 or 2), event, source (publication), quote (person making forecast).

Abstracts: The entry is an abstract.

Time Span Available: Tapes begin with the close of fiscal year ending 30 June 1969.

FREQUENCY OF TAPE ISSUE: Quarterly.

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 20,000/year.

SUBSCRIPTION COST OR LEASING DETAILS;
Annual price for tape service $2,000 (the reference tape which is required along with this costs $2,000, but is used for all other Predicasts, Inc. services).

SOFTWARE AVAILABILITY: Software will be developed if required by customer. In-house programs are designed for use on the Univac 1108. Tape also generated that is suitable for 360 configurations. Programs are designed for publication production. Tape generator assumes that the tape user will employ tapes as input to his own system and will use his own software and search strategy.

TYPE OF IN-HOUSE SERVICE OFFERED: Now in development.

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:
Predicasts.

TAPE: WORLDCASTS

Source: Predicasts, Inc.
200 University Circle
Research Center
Cleveland, Ohio, 44106

CONTACT: GARY BOHN Phone 216 795-3000

CHARACTERISTICS OF DATA BASE

Subject Matter: 1 (256 character) line statistical abstracts of market-related data from 350 sources.

Types of Source Items Input: 150 journals are reviewed and all articles within them are entered into the base. 200 journals are reviewed and articles contained therein are entered selectively. 80% of the journals are English language publications. Journals account for 70% of the total data base input; 25% are government reports, and 5% are taken from monographs, published proceedings, theses, etc.

Subject Analysis/Indexing: An average of 14 index terms are assigned each item input, including the following coded classifications: (1) industry- product SIC, (2) country, (3) event code, (4) years (3) - earliest year first, (5) quantities, (3) smallest quantity in given year first, (6) unit of measure by type of unit.

Searchable Data Elements: In addition to the numeric terms noted above, natural language fields are: industry-product (1 or 2), event, source (publication), quote (person making forecast).

Abstracts: The entry is an abstract.

Time Span Available: Tapes begin with the close of fiscal year ending 30 June 1969.

FREQUENCY OF TAPE ISSUE: Quarterly.

AVERAGE NUMBER OF SOURCE ITEMS PER TAPE: 15,000/year.

SUBSCRIPTION COST OR LEASING DETAILS:
Annual price $1,800 (the reference tape which is needed along with this tape costs $2,000 but is used for all other Predicasts, Inc. services).

SOFTWARE AVAILABILITY: Software will be developed if required by customer. In-house programs are designed for use on the Univac 1108. Tape also generated that is suitable for 360 configurations. Programs are deisgned for publication production. Tape generator assumes that the tape user will employ tapes as input to his own system and will use his own software and search strategy.

TYPE OF IN-HOUSE SERVICE OFFERED: In-house services are now in development.

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:
World-Product-Casts. World-Regional-Casts.

Tape: Specialized Textile Information Service Data Base

Source: Shirley Institute
Manchester M20 RX, England

Contact: R. J. E. CUMBERBIRCH Phone: 061-445-8141

CHARACTERISTICS OF DATA BASE

Subject Matter: Literature on science and technology that is relevant to textiles (for more detail on subjects coverage see World Textile Abstracts).

Types of Source Items Input: Approximately 700 journals are reviewed for input. Of these 500 of the journals are entered selectively and 10 journals have all articles entered. Journals comprise 68% of the input documents with patents accounting for approximately 30% of the input. Of these patents 50% are U. S. patents and 50% from the United Kingdom. Approximately 1% of the input is made from government reports and documents. Approximately 1% is taken from monographs, and books proceedings, etc.

Subject Analysis/Indexing: Approximately 12 index terms or descriptors are assigned each item input. A thesaurus of controlled descriptors is used.

Searchable Data Elements: Keyterms (keyword),author names, author affiliations, journal references and/or patent number,

Abstracts: The tapes do not contain an abstract. Bibliographic records on the tapes do contain a reference, the abstract number or the abstract as published in World Textile Abstracts.

Time Span Available: 1970-. While the index tapes began as of January 1970, the input and indexing of earlier material is being undertaken.

FREQUENCY OF TAPE ISSUE: As required by subscribers

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: Approximately 10,000 articles/year.

SUBSCRIPTION COST OR LEASING DETAILS:
Subscription and pricing has not yet been fixed; these sample tapes are available for trials and experimental usage. Interested parties should contact Mr. Cumberbirch.

SOFTWARE AVAILABILITY: None.

TYPE OF IN-HOUSE SERVICE OFFERED: Not yet available.

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:
World Textile Abstracts.

TAPE: COMPUSTAT

Source: Standard Statistics Co., Inc.
345 Hudson Street
New York, N.Y. 10014

CONTACT: F.L. ENSLEY Phone: 212 924-6400

CHARACTERISTICS OF DATA BASE

Subject Matter: Financial and statistical information on public held companies. The data base is structured into three basic formats: industrial, utility, and bank and finance.

Types of Source Items Input: Company annual reports, government reports, daily news services and direct company contacts. The base is approximately 50% from government reports (SEC 8K, 9K, and 10K) and the balance from company reports.

Subject Analysis/Indexing: Each item entered is assigned approximately 60 index terms. Terms are standardized accounting definitions written by Standard Statistics in cooperation with major public accounting firms.

Searchable Data Elements: Varied accounting/financial aspects such as Cash and Equivalent, Inventories, Total Current Assets, Net Sales, Net Income, etc. Contact source for descriptive material on COMPUSTAT format and elements.

Abstracts: None

Time Span Available: 20 years

FREQUENCY OF TAPE ISSUE: Weekly

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 2,000.000

SUBSCRIPTION COST OR LEASING DETAILS:
From $3,500 to $15,000 per year depending on coverage required.

SOFTWARE AVAILABILITY: Fortran information retrieval program for IBM 360 or CDC 3300 computers. Program designation - PANCA

TYPE OF IN-HOUSE SERVICE OFFERED: Comparative Analysis at $0.50 per item retrieved.

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:
Financial Summary Manual

TAPE: PETROLEUM ABSTRACTS Master Record Tape

Source: The University of Tulsa, Information Services Department
1133 N. Lewis Avenue, Tulsa, Oklahoma 74120

CONTACT : HARRY O. MCLEOD Phone: 918-939-6351

CHARACTERISTICS OF DATA BASE

Subject Matter; Petroleum Industry, Exploration, Development & Production Engineering.

Types of Source Items Input; 50% of the input items are taken from journals; 30% from patents; 5% from monographs or published proceedings; 5% from preprints; 5% from reprints, reports, maps of newsitems; 5% are government reports. 494 journals are reviewed and selectively entered into the base. 75% of these journals are English language publications.

Subject Analysis/Indexing: There are 25 index terms per record on an average. A thesaurus of controlled descriptors is used.

Searchable Data Elements: Abstract number, title, authors, bibliography , descriptors.

Abstracts: None. (The entry or unit record does include shorter phrases intended for use in lieu of abstract.)

Time Span Available: 1965-1969.

FREQUENCY OF TAPE ISSUE: 4-month intervals

AVERAGE NUMBER OF SOURCE ITEMS CITED PER TAPE: 15,000/year.

SUBSCRIPTION COST OR LEASING DETAILS:
Subscription cost ranging from $200/year to $20,000/year, depending on subscriber's capital assets.

SOFTWARE AVAILABILITY: Software is available on a limited basis; please contact the source for further details.

TYPE OF IN-HOUSE SERVICE OFFERED: Retrospective file searching on request at $10/hour, searching time, and $1/pertinent reference found. Report is prepared containing reproductions of abstracts. 25% of additional charge if search is performed for non-subscriber

PUBLICATIONS PRODUCED FROM BASE BY ORIGINATOR:
Petroleum Abstracts Bulletin. Abstract file card (4" by 5-1/2"). Alphabetic subject index. Dual Dictionary Coordinate Index.

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